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NEWS 5 MAY 11 KOREAPAT updates resume
NEWS 6 MAY 19 Derwent World Patents Index to be reloaded and enhanced
NEWS 7 MAY 30 IPC 8 Rolled-up Core codes added to CA/CAPLUS and
USPATFULL/USPAT2
NEWS 8 MAY 30 The F-Term thesaurus is now available in CA/CAPLUS
NEWS 9 JUN 02 The first reclassification of IPC codes now complete in
INPADOC
NEWS 10 JUN 26 TULSA/TULSA2 reloaded and enhanced with new search and
and display fields
NEWS 11 JUN 28 Price changes in full-text patent databases EPFULL and PCTFULL
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NEWS 15 AUG 09 INSPEC enhanced with 1898-1968 archive
NEWS 16 AUG 28 ADISCTI Reloaded and Enhanced
NEWS 17 AUG 30 CA(SM)/CAPLUS(SM) Austrian patent law changes
NEWS 18 SEP 11 CA/CAPLUS enhanced with more pre-1907 records

NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

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=> file reg

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SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

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STRUCTURE FILE UPDATES: 13 SEP 2006 HIGHEST RN 906624-07-5
DICTIONARY FILE UPDATES: 13 SEP 2006 HIGHEST RN 906624-07-5

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Please note that search-term pricing does apply when
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REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
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on property searching in REGISTRY, refer to:

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=> e phenothiazine/cn

E1	1	PHENOTHIAZIN-5-IUM-5-38S, 3-AMINO-7-(DIMETHYLAMINO)-2-METHYL- -/CN
E2	1	PHENOTHIAZIN-5-IUM-5-38S, 3-AMINO-7-(DIMETHYLAMINO)-2-METHYL- -, CHLORIDE/CN
E3	1 -->	PHENOTHIAZINE/CN
E4	1	PHENOTHIAZINE 10-(3-(4-BENZYL-1-PIPERAZINYL) PROPYL)-2-(ETHYL THIO)-/CN
E5	1	PHENOTHIAZINE 35S, 10-(2-(1-METHYL-2-PIPERIDYL) ETHYL)-2-(MET HYLTHIO)-/CN
E6	1	PHENOTHIAZINE CATION RADICAL/CN
E7	1	PHENOTHIAZINE CATION RADICAL PERCHLORATE/CN
E8	1	PHENOTHIAZINE COMPD. WITH PYROMELLITIC ANHYDRIDE/CN
E9	1	PHENOTHIAZINE COMPD. WITH PYROMELLITIC DIANHYDRIDE (1:1)/CN
E10	1	PHENOTHIAZINE COMPLEX WITH IODINE (2:3)/CN
E11	1	PHENOTHIAZINE COMPLEX WITH TCNQ/CN
E12	1	PHENOTHIAZINE COMPOUND WITH ANTIMONY PENTACHLORIDE (1:1)/CN

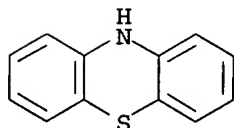
=> s e3

L1 1 PHENOTHIAZINE/CN

=> d l1

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN
RN 92-84-2 REGISTRY
ED Entered STN: 16 Nov 1984
CN 10H-Phenothiazine (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Phenothiazine (6CI, 7CI, 8CI)
OTHER NAMES:
CN Antage TDP
CN Contaverm
CN Danikoropa
CN Dibenzo-1,4-thiazine
CN Dibenzothiazine
CN Early bird wormer
CN ENT 38
CN Feeno

CN Fenoverm
 CN Nemazene
 CN Nexarbol
 CN NSC 2037
 CN Orimon
 CN Padophene
 CN Penthazine
 CN Phenegic
 CN Phenoverm
 CN Phenovis
 CN Phenoxur
 CN Phenthiazine
 CN Phenzeen
 CN Reconox
 CN Thiodiphenylamine
 FS 3D CONCORD
 DR 8023-30-1, 8048-22-4
 MF C12 H9 N S
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO,
 CA, CABA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX,
 CHEMLIST, CIN, CSCHM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, ENCOMPLIT,
 ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA,
 MEDLINE, MRCK*, MSDS-OHS, PIRA, PROMT, PS, RTECS*, SPECINFO, SYNTHLINE,
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 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**, WHO
 (**Enter CHEMLIST File for up-to-date regulatory information)



****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

6297 REFERENCES IN FILE CA (1907 TO DATE)
 1559 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 6313 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> e p-dichlorobenzene/cn

E1	1	P-DICHLOROAMINOSALICYLIC ACID/CN
E2	1	P-DICHLOROAZOBENZENE/CN
E3	1 -->	P-DICHLOROBENZENE/CN
E4	1	P-DICHLOROBENZENE COMPD. WITH POLYOXYETHYLENE/CN
E5	1	P-DICHLOROBENZENE POLYMER/CN
E6	1	P-DICHLOROBENZENE RADICAL ION(1+)/CN
E7	1	P-DICHLOROBENZENE-1,2,4-TRICHLOROBENZENE-SODIUM SULFIDE COPO LYMER/CN
E8	1	P-DICHLOROBENZENE-1,3,5-TRICHLOROBENZENE-SODIUM SULFIDE COPO LYMER/CN
E9	1	P-DICHLOROBENZENE-2,4-DICHLOROBENZOIC ACID-SODIUM SULFIDE CO POLYMER/CN
E10	1	P-DICHLOROBENZENE-2,5-DICHLORO-P-XYLENE-DISODIUM SULFIDE POL YMER/CN
E11	1	P-DICHLOROBENZENE-2,5-DICHLORO-P-XYLENE-SODIUM SULFIDE COPOL YMER/CN
E12	1	P-DICHLOROBENZENE-2,5-DICHLORO-P-XYLENE-SODIUM SULFIDE-1,2,4

-TRICHLOROBENZENE COPOLYMER/CN

=> s e3

L2 1 P-DICHLOROBENZENE/CN

=> d l2

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN

RN 106-46-7 REGISTRY

ED Entered STN: 16 Nov 1984

CN Benzene, 1,4-dichloro- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzene, p-dichloro- (8CI)

OTHER NAMES:

CN 1,4-Dichlorobenzene

CN Di-chloricide

CN Dichlorocide

CN Evola

CN NSC 36935

CN p-Chlorophenyl chloride

CN p-Dichlorobenzene

CN para-Dichlorobenzene

CN Paradi

CN Paradichlorobenzene

CN Paradow

CN Paramoth

CN PDB

CN Persia-Perazol

CN Santochlor

FS 3D CONCORD

MF C6 H4 Cl2

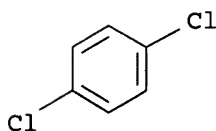
CI COM

LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CABA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, PIRA, PROMT, PS, RTECS*, SPECINFO, TOXCENTER, ULIDAT, USPAT2, USPATFULL, VETU, VTB

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

7252 REFERENCES IN FILE CA (1907 TO DATE)

75 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

7264 REFERENCES IN FILE CAPLUS (1907 TO DATE)

3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> e aluminum chloride/cn

E1 1 ALUMINUM CHLORHYDROXIDE/CN

E2 1 ALUMINUM CHLORHYDROXIDE (AL2(OH)5CL)/CN

E3 1 --> ALUMINUM CHLORIDE/CN

E4 1 ALUMINUM CHLORIDE (26ALCL)/CN

E5 1 ALUMINUM CHLORIDE (26ALCL3)/CN
 E6 1 ALUMINUM CHLORIDE (AL13CL)/CN
 E7 1 ALUMINUM CHLORIDE (AL2CL(OH)5)/CN
 E8 1 ALUMINUM CHLORIDE (AL2CL3)/CN
 E9 1 ALUMINUM CHLORIDE (AL2CL4)/CN
 E10 1 ALUMINUM CHLORIDE (AL2CL6)/CN
 E11 1 ALUMINUM CHLORIDE (AL2CL7)/CN
 E12 1 ALUMINUM CHLORIDE (AL3(OH)7CL2)/CN

=> s e3

L3 1 "ALUMINUM CHLORIDE"/CN

=> d l3

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN

RN 7446-70-0 REGISTRY

ED Entered STN: 16 Nov 1984

CN Aluminum chloride (AlCl3) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Aluminum chloride (8CI)

OTHER NAMES:

CN Aluminium chloride

CN Aluminium trichloride

CN Aluminum trichloride

CN Aluminum(III) chloride

CN Hemogin L

CN Lutan FN

CN NSC 143015

CN NSC 143016

CN Takibine 100

CN TK Flock

CN Trichloroaluminum

DR 125690-94-0, 41630-01-7, 195436-38-5

MF Al Cl3

CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHM, CSNB, DETHERM*, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, PHAR, PIRA, PROMT, RTECS*, TOXCENTER, TULSA, ULIDAT, USAN, USPAT2, USPATFULL, VTB

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

Cl

Cl-Al-Cl

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

28136 REFERENCES IN FILE CA (1907 TO DATE)

815 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

28201 REFERENCES IN FILE CAPLUS (1907 TO DATE)

1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

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FULL ESTIMATED COST

21.30

21.51

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=> s 12/prep
7264 L2
3526200 PREP/RL
L4 402 L2/PREP
(L2 (L) PREP/RL)

=> s 14 and 11
6313 L1
L5 3 L4 AND L1

=> s 15 and 13
28201 L3
L6 1 L5 AND L3

=> d 16 ibib ab

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1997:752871 CAPLUS
DOCUMENT NUMBER: 128:36352
TITLE: Regioselective nuclear chlorination catalyst for aromatic hydrocarbons and process for nuclear chlorination
INVENTOR(S): Mizusawa, Shigeru; Sunagawa, Kazuhiko; Hozumi, Toshio; Nonaka, Tsugio; Matsuda, Toshiharu
PATENT ASSIGNEE(S): Kureha Kagaku Kogyo K.K., Japan
SOURCE: PCT Int. Appl., 36 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9743041	A1	19971120	WO 1997-JP1609	19970514
W: CN, JP, KR, SG, US, VN				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
JP 3818321	B2	20060906	JP 1997-540732	19970514
PRIORITY APPLN. INFO.:			JP 1996-145134	A 19960514

OTHER SOURCE(S): MARPAT 128:36352

AB Ph 10H-phenothiazine-10-carboxylates or their (optionally halogenated or alkyl-, alkoxy-, nitro- or cyano-substituted) chlorinated derivs. and Lewis acids are useful as regioselective nuclear chlorination catalysts for aromatic hydrocarbons. The catalysts are advantageous in that the regioselectivity is not lowered even when the nuclear chlorination is conducted at a reaction temperature exceeding 45° and that the regioselectivity is enhanced with an increasing degree of chlorination. Thus, chlorination of chlorobenzene (I) 246 in the presence of FeCl₃ 0.47 and Ph 10H-phenothiazine-10-carboxylate 4.7 g at 50° in the dark for 7 h gave a product mixture containing I 44.92, o-dichlorobenzene 7.34, m-dichlorobenzene 0.05, p-dichlorobenzene (II) 47.66 and trichlorobenzene 0.04% at II selectivity 87%.

=> file ca

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

6.53

28.04

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

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SESSION

CA SUBSCRIBER PRICE

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-0.75

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=> s l1 and l2 and l3

6297 L1

7252 L2

28136 L3

L7

1 L1 AND L2 AND L3

=> d l7 ibib ab

L7 ANSWER 1 OF 1 CA COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 128:36352 CA

TITLE: Regioselective nuclear chlorination catalyst for aromatic hydrocarbons and process for nuclear chlorination

INVENTOR(S): Mizusawa, Shigeru; Sunagawa, Kazuhiko; Hozumi, Toshio;

PATENT ASSIGNEE(S): Nonaka, Tsugio; Matsuda, Toshiharu
 SOURCE: Kureha Kagaku Kogyo K.K., Japan
 PCT Int. Appl., 36 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9743041	A1	19971120	WO 1997-JP1609	19970514
W: CN, JP, KR, SG, US, VN				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
JP 3818321	B2	20060906	JP 1997-540732	19970514
PRIORITY APPLN. INFO.:			JP 1996-145134	A 19960514
			WO 1997-JP1609	W 19970514

OTHER SOURCE(S): MARPAT 128:36352

AB Ph 10H-phenothiazine-10-carboxylates or their (optionally halogenated or alkyl-, alkoxy-, nitro- or cyano-substituted) chlorinated derivs. and Lewis acids are useful as regioselective nuclear chlorination catalysts for aromatic hydrocarbons. The catalysts are advantageous in that the regioselectivity is not lowered even when the nuclear chlorination is conducted at a reaction temperature exceeding 45° and that the regioselectivity is enhanced with an increasing degree of chlorination. Thus, chlorination of chlorobenzene (I) 246 in the presence of FeCl₃ 0.47 and Ph 10H-phenothiazine-10-carboxylate 4.7 g at 50° in the dark for 7 h gave a product mixture containing I 44.92, o-dichlorobenzene 7.34, m-dichlorobenzene 0.05, p-dichlorobenzene (II) 47.66 and trichlorobenzene 0.04% at II selectivity 87%.

=> s 15 not 16

QUERY TOO LARGE

The logic expression you entered exceeded the maximum size allowed for queries. Please simplify or subdivide the query and try again.

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.92	31.96
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.71	-1.46

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FILE COVERS 1907 - 14 Sep 2006 VOL 145 ISS 12

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=> s l5 not l6

L8 2 L5 NOT L6

=> d l8 ibib ab 1-2

L8 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1992:475787 CAPLUS

DOCUMENT NUMBER: 117:75787

TITLE: Pesticide chemicals manufacturing category effluent limitations guidelines, pretreatment standards, and new source performance standards

CORPORATE SOURCE: United States Environmental Protection Agency, Washington, DC, 20460, USA

SOURCE: Federal Register (1992), 57(70), 12560-601, 10 Apr 1992

CODEN: FEREAC; ISSN: 0097-6326

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Effluent limits, pretreatment stds. and performance stds. for new and existing facilities that manufacture pesticide active ingredients are proposed, under the Federal Clean Water Act. The manufacturers are categorized as those who make metalloorg. pesticide chems. (containing As, Cd, Cu, or Hg) and those who make organic pesticide chems. (including organotin compds.). Tables are given for active ingredient (94) limitations (daily maximum and monthly average) under best available technol. economically achievable and pretreatment stds. for existing sources, new source performance stds. and pretreatment stds. for new sources, and anal. methods (for 94 compds.). Addnl., effluent limitations (daily maximum and monthly average) for priority pollutants are proposed.

L8 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1992:214130 CAPLUS

DOCUMENT NUMBER: 116:214130

TITLE: process for the preparation of dichlorobenzene (1,4-dichlorobenzene) by chlorination of benzene or chlorobenzene in the presence of Friedel-Crafts catalysts and N-[(perfluoroalkyl)carbonyl]phenothiazines

INVENTOR(S): Mais, Franz Josef; Fiege, Helmut

PATENT ASSIGNEE(S): Bayer A.-G., Germany

SOURCE: Eur. Pat. Appl., 6 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 474074	A1	19920311	EP 1991-114226	19910824
EP 474074	B1	19940608		
R: BE, CH, DE, FR, GB, IT, LI				
DE 4028269	A1	19920312	DE 1990-4028269	19900906
JP 04305544	A2	19921028	JP 1991-244079	19910830
JP 2902171	B2	19990607		

PRIORITY APPLN. INFO.: DE 1990-4028269 A 19900906

OTHER SOURCE(S): CASREACT 116:214130; MARPAT 116:214130

AB A process for the preparation of dichlorobenzene comprises the chlorination of benzene or chlorobenzene in the presence of Friedel-Crafts catalysts and N-[(perfluoroalkyl)carbonyl]phenothiazines; dichlorobenzene thus prepared contains 1,4-dischlorobenzene as major fraction. Dichlorobenzene is a monomer for the preparation of polyphene sulfide and for the preparation of dyes (no data). A reactor was charged with benzene (100 parts by weight), FeCl₃ (0.050 parts by weight), N-(trifluoroacetyl)phenothiazine (0.091 parts by weight), heated to 60° and chlorine (127 parts by weight) was passed through the mixture in 5 h. The product contained benzene (0.12% by gas chromatog.), chlorobenzene (42.90%), 1,2-dichlorobenzene (9.83%) 1,3-dichlorobenzene (0.08%), 1,4-dichlorobenzene (46.98%), and trichlorobenzenes (0.09%). The same process using N-(trichloroacetyl)phenothiazine gave a mixture containing 40.46% chlorobenzene and 40.08% 1,4-dichlorobenzene.